

Glydea[®] Databook





Somfy is the leading global manufacturer of strong, intelligent, quiet motors and electronic controls for interior and exterior window coverings with more than 110 million motors produced since 1980. For more than four decades, engineers at Somfy have designed products for both the commercial and residential markets to motorize window coverings such as interior shades, wood blinds, draperies, awnings, rolling shutters, exterior solar screens and projection screens. Somfy motorization systems are easily integrated with security, HVAC and lighting systems providing total home or building automation.



WHY SOMFY?

Somfy has a committed Customer Support team comprised of Somfy motor and control specialists available for assistance:

Somfy Corporate Headquarters 800–22–SOMFY (76639)

General Customer Service 877–210–5327 CustomerService us@somfy.com

Standard Purchase Order Ordering_us@somfy.com

Rush Purchase Order ExpeditedShippingOrders_us@somfy.com

Accounting Inquiries AccountsReceivable@somfy.com

Technical Support 877 – 233 – 0019 TechnicalSupport_us@somfy.com

Warranty Claim Requests us_Return@somfy.com

- Somfy has a production capacity of more than 70,000 motors per day.
- Somfy motors have over 600 standards approvals worldwide.
- Somfy has certified over 100 patents since the year 2000.
- Every Somfy motor goes through an extensive quality assurance process including testing in extreme environmental conditions, for electrostatic discharge, mechanical shock, and high life cycle.
- Somfy has a network of 15,000 trained professional installers throughout the world.



Somfy operates in 60 countries, with 78 subsidiaries, and 52 agencies spread across 5 continents. With 8 production centers, Somfy is an efficient and reactive industry leader. Thanks to its strict quality standards, Somfy is able to satisfy the needs of over 270 million users worldwide.





Somfy understands that training and support are critical to success. Somfy's Expert Program has been developed to provide a platform for those who want to enhance their expertise of motorization and control solutions. Contact Somfy directly or visit www.somfypro.com to learn more and sign up for training.

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This document presents the technical information and related accessories for Somfy's Glydea[®] motor range designed specifically for draperies. It provides detailed information to facilitate the specification of this motor solution and presents information regarding options for specialty applications including bent and curved tracks. Information for Somfy's entire product range including motors, power sources, control interfaces, etc. can be accessed at www.somfysystems.com.

To download this document please visit www.somfysystems.com/glydea.

Innovative

The Glydea[®] motor range is a product of years of industry experience and expertise. This reliable motor solution offers a superior user experience as well as a wide array of features and exemplifies Somfy's continued commitment to quality.

Competitive

Designed for residential, commercial and hospitality markets, the Glydea[®] range provides a convenient solution for glare reduction and privacy while also reducing energy costs and protecting interiors from damaging UV rays.

Adaptable

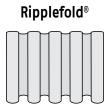
Glydea[®] is available for all drapery types including pinch pleat, Ripplefold[®] and Accordia[®]. Additionally, it has been designed to easily adapt to various control technologies including infrared, dry contact, Radio Technology Somfy[®] (RTS), RS485, Z-Wave[®] and ZigBee[®].

Z-Wave[®] is a registered trademark of Zensys, Inc. and its subsidiaries. ZigBee[®] is a registered trademark of ZigBee[®] Alliance. Ripplefold[®] and Accordia[®] are registered trademarks of Kirsch.



Somfy's Glydea[®] motors are compatible with the three types of draperies below.







Plug-in control modules offer simple compatibility with various technologies:



As with all Somfy products, Glydea® motors are backed by a 5 year warranty.





Glydea[®], the difference is in the details

The sophistication of Glydea[®] is reflected in the simple form and sleek lines of the motor and the track.



Adaptable Control Modules



RTS Control Module

Somfy Digital Natwork

RS485 Control Module



ZigBee[®] Control Module



Z-Wave® Control Module



Aesthetic

- Clean premium design with brushed aluminum finish.
- Adjustable limit setting provides alignment of drapery fabric.
- Patented control module cover design conceals unsightly cables and protects the connectors and control modules inside the motor.
- Advanced track design and swivel ceiling bracket minimize the light gap.
- Soft start and soft stop.
- Improved arm design provides even overlap and even stack back.

Easy Installation

- Spring loaded one-touch hardware (wall and ceiling mount).
- On center opening tracks, motor can be installed to the right or to the left side of the track.
- Automatic or adjustable limit setting.
- Inverse (top mount) option allows the motor to be installed above the track.

Flexibility

- Patented flexible master carrier reduces friction and is adaptable to various drapery types.
- Various control modules allow Glydea[®] to easily integrate with third party control protocols.
- Drapery track is available with custom curves and bends.
- Exclusive cable cover allows you to reverse cable direction for easier access to power.
- Adjustable speed control.

Quiet

 Motor design and advanced high performance belt drive system provide quiet operation (<44dBA).

Efficient

- Touch motion allows the user to activate the motorized drapery simply by pulling on the fabric. Two sensitivity settings available.
- Manual override disengages the motor when drapery is adjusted manually. This is ideal for power outages and also protects the fabric from damage.
- My function allows user to set a preferred drapery openness position for quick access.





5 year international warranty. International certifications.



Technical Specifications Glydea[®]35e

Download at www.somfysystems.com/glydea

Motor part numbers

Glydea [®] 35e DCT motor (with 10' cable and molded NEMA plug)	Part# 1002465
Glydea [®] 35e RTS motor (with 10' cable and molded NEMA plug)	Part# 1001615
Glydea [®] 35e RS485 motor (with 10' cable and molded NEMA plug)	Part# 1002109
Glydea [®] 35e Wired motor (without plug)	Part# 1002464

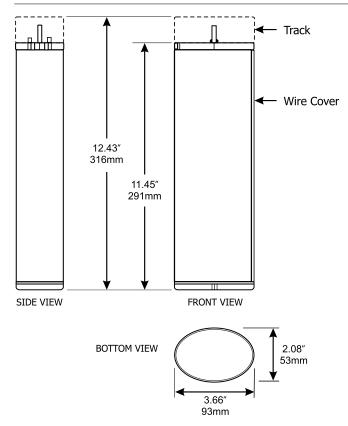
Features overview

	Glydea® 35
Motor unit main features	
Soft start	- ↓
Manual operation	
Automatic limits on end stop	✓
Soft stop	✓
Intermediate position	✓
Touch motion with 2 sensitivity settings	- ↓
Adjustable limits	
Speed control & adjustment	- ↓
Control options	
3 normally open dry contacts	- ↓
2 normally open dry contacts	✓
2 normally open dry contact sequencing mode	↓
Dry contact individual and group & master control	✓
Radio Technology Somfy® RTS	✓
Infrared	✓
RS485 digital technology	↓
Z-Wave [®]	✓
ZigBee®	✓
Tandem alternative	√
Sun control	- ↓
Timer control	
Installation and setting features	
Setting with buttons on motor unit	- ↓
Setting with external 3 normally open dry contact switch	
LED indicators	1
Motor unit direction change	
Factory reset	
Inverse (top mount) mounting	
Tracks / Drapery Types	•
Side opening	
Center opening	
Asymmetric	1
Multiple	, ,
Pinch pleat	
Ripplefold [®] with overlap arm	, ,
Ripplefold [®] with butt arm	
Accordia [®]	

Motorized track main characteristics

	Glydea [®] 35e
Power supply	110V AC 50/60 HZ
Amperage	0.5 A
Average linear speed	4.9"/s - 7.86"/s
Power consumption	60 W
Power cable type	3-wire cable with molded NEMA plug 4-wire cable (wired version only)
Control connector type	RJ12
DCT control circuit voltage	3.3 VDC
Motor sound level	< 44 dB(A)
Certifications	c TUV us, CE
Track maximum length	32 ft (9.7 m)
Maximum number of splices	2
Minimum bending radius	11.8 in. (30 cm)
Minimum curving radius	118 in. (300 cm)
Side opening max weight	77 lbs 35 kg
Center opening max weight	77 lbs 35 kg
Tandem alternative (see page 21)	154 lbs / 70 kgs 64 ft / 19.4 m

Motor dimensions



Motor part numbers

Glydea® 60e DCT motor (with 10' cable and molded NEMA plug)	Part# 1001538
Glydea [®] 60e RTS motor (with 10' cable and molded NEMA plug)	Part# 1001617
Glydea [®] 60e RS485 motor (with 10' cable and molded NEMA plug)	Part# 1002108
Glydea [®] 60e Wired motor (without plug)	Part# 1001537

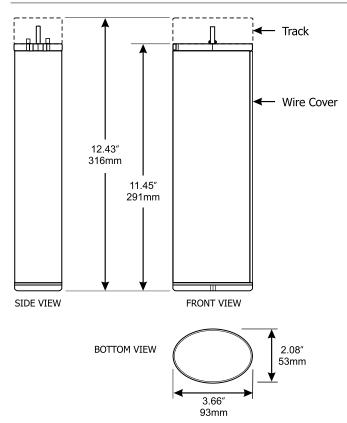
Features overview

	Glydea® 60
Motor unit main features	
Soft start	-
Manual operation	
Automatic limits on end stop	✓
Soft stop	✓
Intermediate position	✓
Touch motion with 2 sensitivity settings	
Adjustable limits	✓
Speed control & adjustment	↓
Control options	
3 normally open dry contacts	- ↓
2 normally open dry contacts	✓
2 normally open dry contact sequencing mode	✓
Dry contact individual and group & master control	✓
Radio Technology Somfy [®] RTS	✓
Infrared	↓
RS485 digital technology	✓
Z-Wave [®]	✓
ZigBee®	✓
Tandem alternative	✓
Sun control	
Timer control	↓
Installation and setting features	
Setting with buttons on motor unit	- ✓
Setting with external 3 normally open dry contact switch	
LED indicators	
Motor unit direction change	
Factory reset	1
Inverse (top mount) mounting	1
Tracks / Drapery Types	-
Side opening	√
Center opening	
Asymmetric	-
Multiple	
Pinch pleat	
Ripplefold [®] with overlap arm	
Ripplefold [®] with butt arm	
Accordia®	

Motorized track main characteristics

	Glydea [®] 60e
Power supply	110V AC 50/60 HZ
Amperage	1A
Average linear speed	4.9"/s to 7.86"/s
Power consumption	120 W
Power cable type	3-wire cable with molded NEMA plug 4-wire cable (wired version only)
Control connector type	RJ12
DCT control circuit voltage	3.3 VDC
Motor sound level	<44 dB(A)
Certifications	c TUV us, CE
Track maximum length	36 ft (10.9 m)
Maximum number of splices	2
Minimum bending radius	11.8 in. (30 cm)
Minimum curving radius	118 in. (300 cm)
Side opening max weight	132 lbs. 60 kg.
Center opening max weight	132 lbs. 60 kg.
Tandem alternative (see page 21)	264 lbs / 120 kg 72 ft /21.8 m

Motor dimensions



Technical Specifications

SELECTION CHARTS

Glydea[®] 35e Glydea[®] 60e UP TO UP TO UP TO UP TO UP TO UP TO **Track Type** 10 FT. 20 FT. 32 FT. 10 FT. 32 FT. 36 FT. One Way A 77 132 Lbs. Lbs. 10 В Center Opening 77 Lbs. 132 Lbs. 60 10 С Asymetrical 77 132 Lbs. Lbs. 60 D One Way w/Bend 77 55 44 100 100 77 Lbs. Lbs. Lbs. Lbs. Lbs. Lbs. ł R = 30 cm max (11.8") E Center Opening w/Bend 77 55 100 100 44 77 Lbs. Lbs. Lbs. Lbs. Lbs. Lbs. ſ R = 30 cm max (11.8") F One Way w/2 Bends 33 22 77 55 -ł R = 30 cm max Lbs. Lbs. Lbs. Lbs. (11.8") G Center Opening w/2 Bends 33 22 77 55 -Lbs. Lbs. Lbs. Lbs. R = 30 cm max (11.8") One Way w/Continuous Curve Н 77 33 77 55 -R = 300 cm Lbs. Lbs. Lbs. Lbs. (118") Center Opening w/Continuous Curve 66 22 66 44 Lbs. Lbs. Lbs. Lbs. R = 300 cm (118")

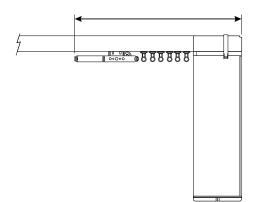
Dual Motor Tandem Alternative (2 one way tracks)

Track Type	2 One Way	Glydea [®] 60e		
nuck type	Butted Tracks	UP TO 10 FT.	UP TO 32 FT.	UP TO 36 FT.
J Center opening w/2 Straight	(1) Straight		132 Lb:	s.
e in the second	(1) Straight		132 Lb:	S.
K Center opening w/1 Bend	(1) 90° Bend	100 77 Lbs. Lbs		
R = 30 cm max (11.8")	(1) Straight	132 Lbs.		
L Center opening w/2 Bends	(1) 90° Bend		00 bs.	77 Lbs.
R = 30 cm max (11.8″)	(1) 90° Bend	100 77 Lbs. Lbs.		
Center opening w/2 Curves	(1) Curve	77 Lbs.	55 Lbs.	-
R = 300 cm (118″)	(1) Curve	77 Lbs.	55 Lbs.	-

***STACKING CHART -** FOR REFERENCE ONLY

	RIPPLEFOLD [®] - inches carrier count -()						
TRACK	ONE WAY 80%	ONE WAY 100%	ONE WAY 120%	CENTER OPENING 80%	CENTER OPENING 100%	CENTER OPENING 120%	
SIZES	Butt Arm	Butt Arm	Butt Arm	Butt Arm	Butt Arm	Butt Arm	
Up to 4 ft.	19.5 (20) 21.5 (24)	23.5 (28)	12.25 (20)	13.25 (24)	14.25 (28)	
5 ft.	22 (25) 24.5 (30)	27 (35)	12.5 (26)	14.75 (30)	16.25 (36)	
6 ft.	24.5 (30) 27.5 (36)	30.5 (42)	12.75 (30)	16.25 (36)	17.75 (42)	
7 ft.	27 (35) 30.5 (42)	34 (49)	13 (36)	17.75 (42)	19.75 (50)	
8 ft.	29.5 (40) 33.5 (48)	37.5 (56)	13.25 (40)	19.25 (48)	21.25 (56)	
9 ft.	32 (45		41 (63)	13.5 (46)	20.75 (54)	23.25 (64)	
10 ft.	34.5 (50		44.5 (70)	13.75 (50)	22.25 (60)	24.75 (70)	
11 ft.	37 (55		48 (77)	14 (56)	23.75 (66)	26.75 (78)	
12 ft.	39.5 (60	· · · · ·	51.5 (84)	14.25 (60)	25.25 (72)	28.25 (84)	
13 ft.	42 (65		55 (91)	14.5 (66)	26.75 (78)	30.25 (92)	
14 ft.	44.5 (70		58.5 (98)	14.75 (70)	28.25 (84)	31.75 (98)	
15 ft.	47 (75		62 (105)	15 (76)	29.75 (90)	33.75 (106)	
16 ft.	49.5 (80		65.5 (112)	15.25 (80)	31.25 (96)	35.25 (112)	
17 ft.	52 (85		69 (119)	15.5 (86)	32.75 (102)	37.25 (120)	
18 ft.	54.5 (90		72.5 (126)	15.75 (90)	34.25 (108)	38.75 (126)	
19 ft.	57 (95		76 (133)	16 (96)	35.75 (114)	40.75 (134)	
20 ft.	59.5 (100	, , , ,	79.5 (140)	16.25 (100)	37.25 (120)	42.25 (140)	
21 ft.	62 (105	, , ,	83 (147)	16.5 (106)	38.75 (126)	44.25 (148)	
22 ft.	64.5 (110	, , ,	86.5 (154)	16.75 (110)	40.25 (132)	45.75 (154)	
23 ft.	67 (115	, , ,	90 (161)	17 (116)	41.75 (138)	47.75 (162)	
24 ft.	69.5 (120	, , ,	93.5 (168)	17.25 (120)	43.25 (144)	49.25 (168)	
25 ft.	72 (125	, , ,	97 (175)	17.5 (126)	44.75 (150)	51.25 (176)	
26 ft.	74.5 (130	, , ,	100.5 (182)	17.75 (130)	46.25 (156)	52.75 (182)	
27 ft.	77 (135	, , ,	104 (189)	18 (136)	47.75 (162)	54.75 (190)	
28 ft.	79.5 (140	, , ,	107.5 (196)	16.25 (140)	49.25 (168)	56.25 (196)	
29 ft.	82 (145	, , ,	111 (203)	18.5 (146)	50.75 (174)	58.25 (204)	
30 ft.	84.5 (150	, , ,	114.5 (210)	18.75 (150)	52.25 (180)	59.75 (210)	
31 ft.	87 (155	, , ,	118 (217)	19 (156)	53.75 (186)	61.75 (218)	
32 ft.	89.5 (160	, , ,	121.5 (224)	19.25 (160)	55.25 (192)	63.25 (224)	
33 ft.	92 (165	, , ,	125 (231)	19.5 (166)	56.75 (198)	65.25 (232)	
34 ft.	94.5 (170	/ / /	128.5 (238)	19.75 (170)	58.25 (204)	66.75 (238)	
35 ft.	97 (175		132 (245)	20 (176)	59.75 (210)	68.75 (246)	
36 ft.	99.5 (180) 117.5 (216)	135.5 (252)	20.25 (180)	61.25 (216)	70.25 (252)	

* Measurements do not consider drapery fabric and are calculated from end of pulley to front of master arm (shown here).

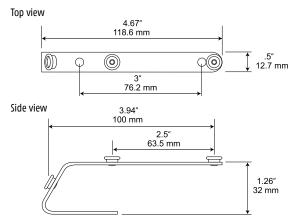


	RIPPLEFOLD [®] - inches carrier count -()								PLEAT - ier count			
TRACK	ONE WAY 80%	ONE WAY 100%	ONE WAY 120%		OPENING)%		OPENING 00%		OPENING 0%	ONE WAY	CENTER	OPENING
SIZES	Overlap Arm	Overlap Arm	Overlap Arm	Overlap Arm	Straight Arm	Overlap Arm	Straight Arm	Overlap Arm	Straight Arm	Overlap Arm	Overlap Arm	Straight Arm
Up to 4 ft.	19.25 (20)	21.25 (24)	23.25 (28)	14 (10)	13.75 (10)	15 (12)	14.75 (12)	16.25 (14)	16 (14)	15.25 (12)	11.75 (6)	11.5 (6)
5 ft.	21.75 (25)	24.25 (30)	26.75 (35)	15.5 (13)	15.25 (13)	16.5 (15)	16.25 (15)	18.25 (18)	18 (18)	16.75 (15)	12.75 (8)	12.5 (8)
6 ft.	24.25 (30)	27.25 (36)	30.25 (42)	16.5 (15)	16.25 (15)	18 (18)	17.75 (18)	19.75 (21)	19.5 (21)	18.25 (18)	13.25 (9)	13 (9)
7 ft.	26.75 (35)	30.25 (42)	33.75 (49)	18 (18)	17.75 (18)	19.5 (21)	19.25 (21)	21.75 (25)	21.5 (25)	19.75 (21)	14.25 (11)	14 (11)
8 ft.	29.25 (40)	33.25 (48)	37.25 (56)	19 (20)	18.75 (20)	21 (24)	20.75 (24)	23.25 (28)	23 (28)	21.25 (24)	14.75 (12)	14.5 (12)
9 ft.	31.75 (45)	36.25 (54)	40.75 (63)	20.5 (23)	20.25 (23)	22.5 (26)	22.25 (26)	25.25 (32)	25 (32)	22.75 (27)	15.75 (14)	15.5 (14)
10 ft.	34.25 (50)	39.25 (60)	44.25 (70)	21.5 (25)	21.25 (25)	24 (30)	23.75 (30)	26.75 (35)	26.5 (35)	24.25 (30)	16.25 (15)	16 (15)
11 ft.	36.75 (55)	42.25 (66)	47.75 (77)	23 (28)	22.75 (28)	25.5 (33)	25.25 (33)	28.75 (39)	28.5 (39)	25.75 (33)	17.25 (17)	17 (17)
12 ft.	39.25 (60)	45.25 (72)	51.25 (84)	24 (30)	23.75 (30)	27 (36)	26.75 (36)	30.25 (42)	30 (42)	27.25 (36)	17.75 (18)	17.5 (18)
13 ft.	41.75 (65)	48.25 (78)	54.75 (91)	25.5 (33)	25.25 (33)	28.5 (39)	28.25 (39)	32.25 (46)	32 (46)	28.75 (39)	18.75 (20)	18.5 (20)
14 ft.	44.25 (70)	51.25 (84)	58.25 (98)	26.5 (35)	26.25 (35)	30 (42)	29.75 (42)	33.75 (49)	33.5 (49)	30.25 (42)	19.25 (21)	19 (21)
15 ft.	46.75 (75)	54.25 (90)	61.75 (105)	28 (38)	27.75 (38)	31.5 (45)	31.25 (45)	35.75 (53)	35.5 (53)	31.75 (45)	20.25 (23)	20 (23)
16 ft.	49.25 (80)	57.25 (96)	65.25 (112)	29 (40)	28.75 (40)	33 (48)	32.75 (48)	37.25 (56)	37 (56)	33.25 (48)	20.75 (24)	20.5 (24)
17 ft.	51.75 (85)	60.25 (102)	68.75 (119)	30.5 (43)	30.25 (43)	34.5 (51)	34.25 (51)	39.25 (60)	39 (60)	34.75 (51)	21.75 (26)	21.5 (26)
18 ft.	54.25 (90)	63.25 (108)	72.25 (126)	31.5 (45)	31.25 (45)	36 (54)	35.75 (54)	40.75 (63)	40.5 (63)	36.25 (54)	22.25 (27)	22 (27)
19 ft.	56.75 (95)	66.25 (114)	75.75 (133)	33 (48)	32.75 (48)	37.5 (57)	37.25 (57)	42.75 (67)	42.5 (67)	37.75 (57)	23.25 (29)	23 (29)
20 ft.	59.25 (100)	69.25 (120)	79.24 (140)	34 (50)	33.75 (50)	39 (60)	38.75 (60)	44.25 (70)	44 (70)	39.25 (60)	23.75 (30)	23.5 (30)
21 ft.	61.75 (105)	72.25 (126)	82.75 (147)	35.5 (53)	35.25 (53)	40.5 (63)	40.25 (63)	46.25 (74)	46 (74)	40.75 (63)	24.75 (32)	24.5 (32)
22 ft.	64.25 (110)	75.25 (132)	86.25 (154)	36.5 (55)	36.25 (55)	42 (66)	41.75 (66)	47.75 (77)	47.5 (77)	42.25 (66)	25.25 (33)	25 (33)
23 ft.	66.75 (115)	78.25 (138)	89.75 (161)	38 (58)	37.75 (58)	43.5 (69)	43.25 (69)	49.75 (81)	49.5 (81)	43.75 (69)	26.25 (35)	26 (35)
24 ft.	69.25 (120)	81.25 (144)	93.25 (168)	39 (60)	38.75 (60)	45 (72)	44.75 (72)	51.25 (84)	52 (84)	45.25 (72)	26.75 (36)	26.5 (36)
25 ft.	71.75 (125)	84.25 (150)	96.75 (175)	40.5 (63)	40.25 (63)	46.5 (75)	46.25 (75)	53.25 (88)	53 (88)	46.75 (75)	27.75 (38)	27.5 (38)
26 ft.	74.25 (130)	87.25 (156)	100.25 (182)	41.5 (65)	41.25 (65)	48 (78)	47.75 (78)	54.75 (91)	54.5 (91)	48.25 (78)	28.25 (39)	28 (39)
27 ft.	76.75 (135)	90.25 (162)	103.75 (189)	43 (68)	42.75 (68)	49.5 (81)	49.25 (81)	56.75 (95)	56.5 (95)	49.75 (81)	29.25 (41)	29 (41)
28 ft.	79.25 (140)	93.25 (168)	107.25 (196)	44 (70)	43.75 (70)	51 (84)	50.75 (84)	58.25 (98)	58 (98)	51.25 (84)	29.75 (42)	29.5 (42)
29 ft.	81.75 (145)	96.25 (174)	110.75 (203)	45.5 (73)	45.25 (73)	52.5 (87)	52.25 (87)	60.25 (102)	60 (102)	52.75 (87)	30.75 (44)	30.5 (44)
30 ft.	84.25 (150)	99.25 (180)	114.25 (210)	46.5 (75)	46.25 (75)	54 (90)	53.75 (90)	61.75 (105)	61.5 (105)	54.25 (90)	31.25 (45)	31 (45)
31 ft.	86.75 (155)	102.3 (186)	117.75 (217)	48 (78)	47.75 (78)	55.5 (93)	55.25 (93)	63.75 (108)	63.5 (108)	55.75 (93)	32.25 (47)	32 (47)
32 ft.	89.25 (160)	105.3 (192)	121.25 (224)	49 (80)	48.75 (80)	57 (96)	56.75 (96)	65.25 (112)	65 (112)	57.25 (96)	32.75 (48)	32.5 (48)
33 ft.	91.75 (165)	108.3 (198)	124.75 (231)	50.5 (83)	50.25 (83)	58.5 (99)	58.25 (99)	67.25 (116)	67 (116)	58.75 (99)	33.75 (50)	33.5 (50)
34 ft.	94.25 (170)	111.3 (204)	128.25 (238)	51.5 (85)	51.25 (85)	60 (102) 64 E (405)	· · ·	68.75 (118)	68.5 (118)	60.25 (102)	34.25 (51)	34 (51)
35 ft.	96.75 (175)	114.3 (210)	131.75 (245)	53 (86)	52.75 (86)	. ,	61.25 (105)	70.75 (123)	70.5 (123)	61.75 (105)	35.25 (53)	35 (53)
36 ft.	99.25 (180)	117.3 (216)	135.25 (252)	54 (90)	53.75 (90)	63 (108)	62.75 (108)	72.25 (126)	72 (126)	63.25 (108)	35.75 (54)	35.5 (54)

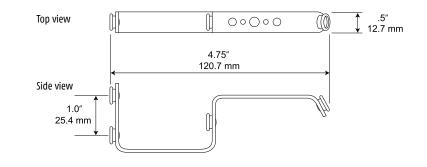
Product Specifications

CARRIER ARM DIMENSIONS

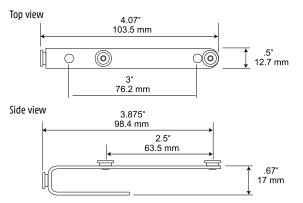
Overlap Arm - #1782320



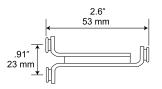
One Way Butt Arm - #1782319



Straight Arm - #1782321

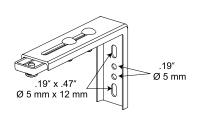


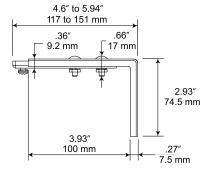
Butt Master Arm Center Opening - #1780953



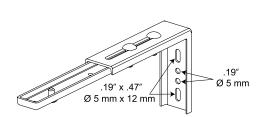
WALL BRACKET DIMENSIONS

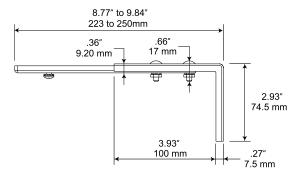
Adjustable Wall Mount Bracket - #1780909



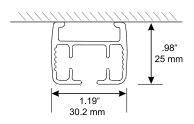


Double Adjustable Wall Mount Bracket - #1780910



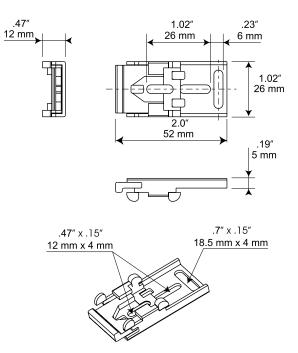


TRACK PROFILE

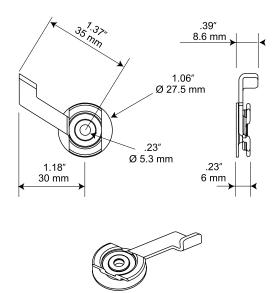


CEILING BRACKET DIMENSIONS

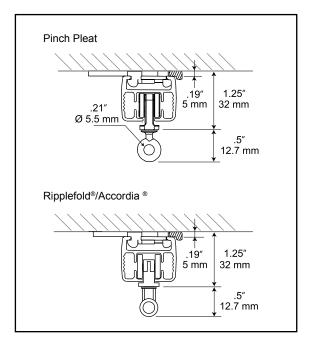
One Touch Ceiling Bracket - #1780907



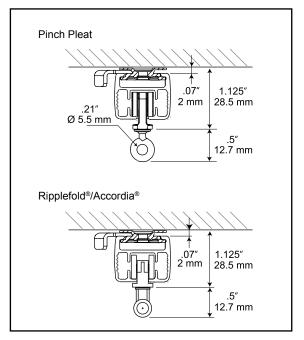
Swivel Ceiling Bracket – #1780906 (recommended for curved tracks)



Carriers



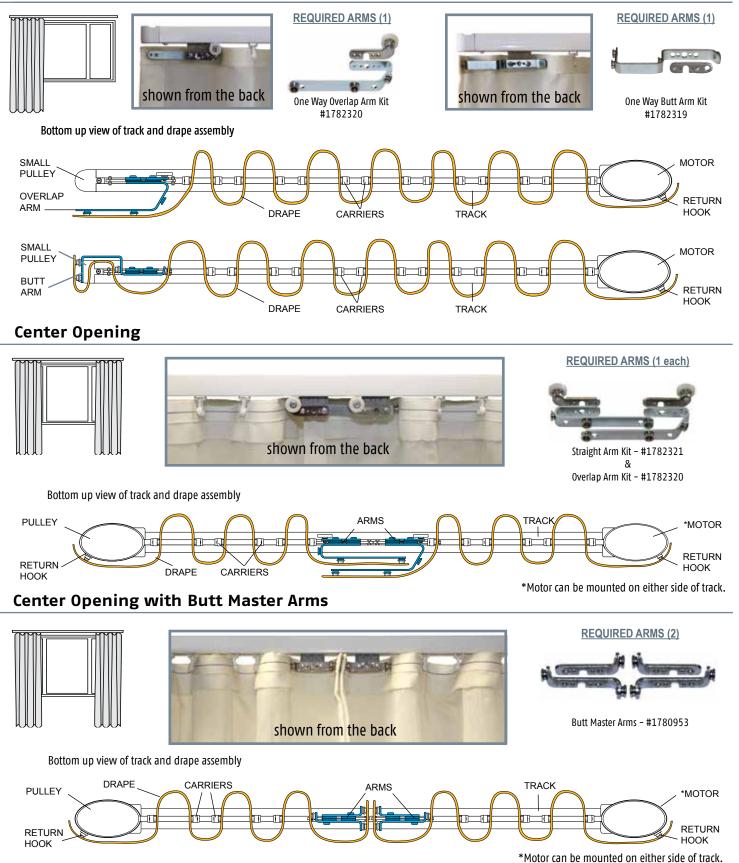
Carriers



Track Configurations

RIPPLEFOLD[®]

One Way Stacked

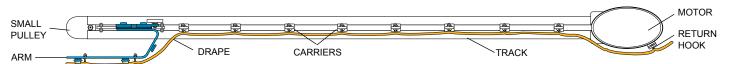


PINCH PLEAT

One Way Stacked



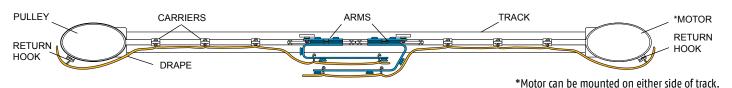
Bottom up view of track and drape assembly



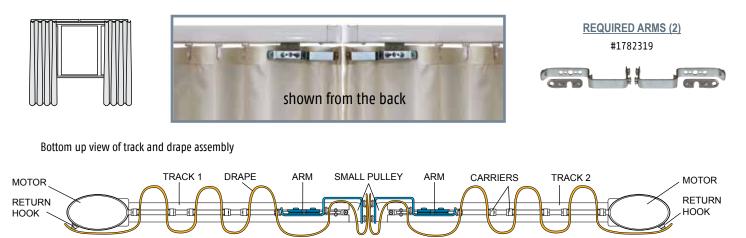
Center Opening



Bottom up view of track and drape assembly

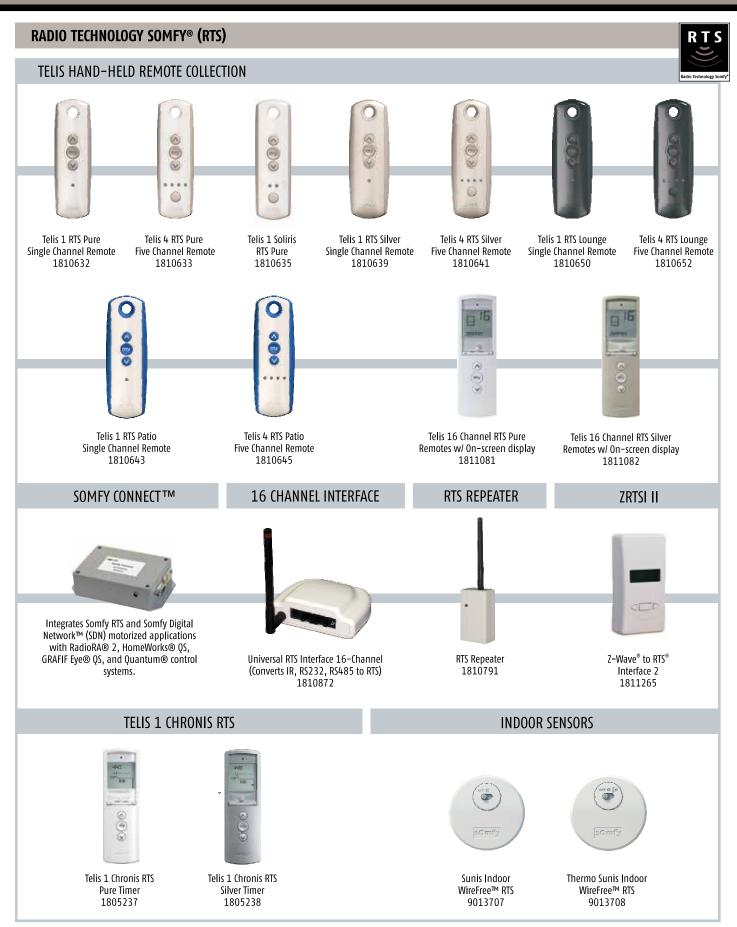


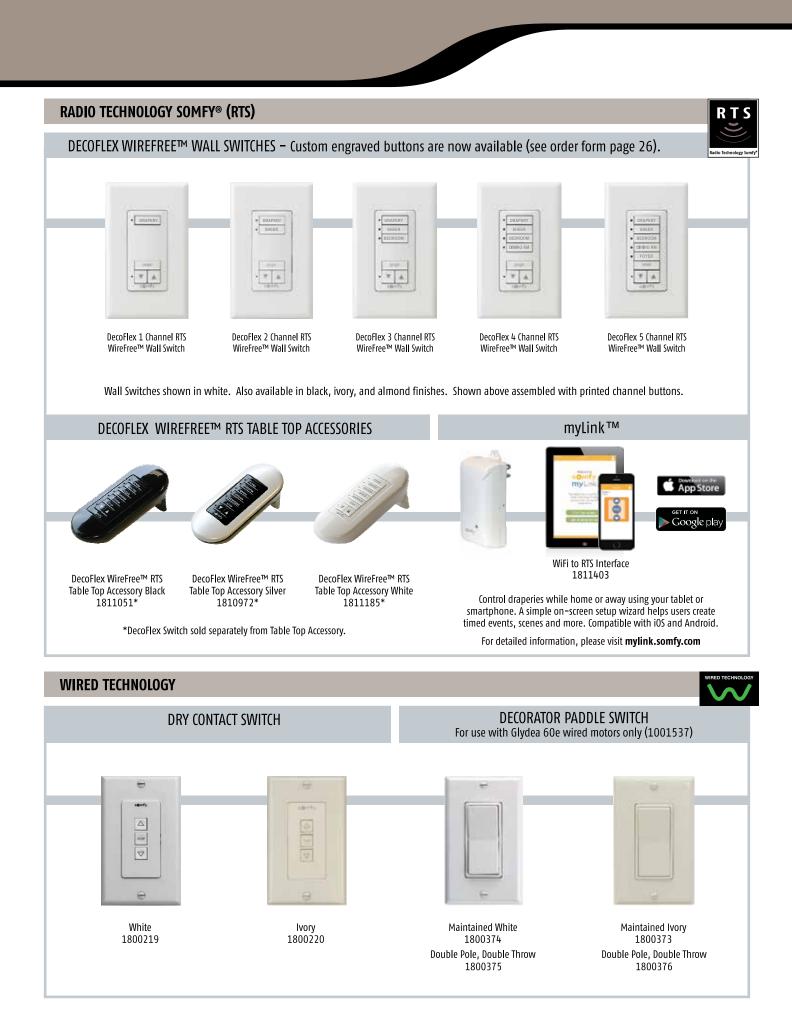
Two One Way Butted Tracks (tandem alternative)



Glydea® Controls and Accessories

Learn more about controls and accessories and download the RTS brochure at somfysystems.com/controls





Glydea[®] Wiring Examples

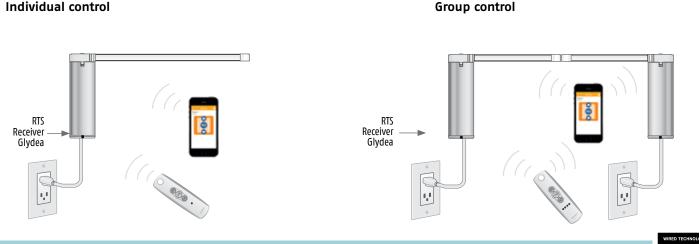
GLYDEA® RTS RADIO CONTROL

Individual control



control (maximum 2 motors).

120V AC

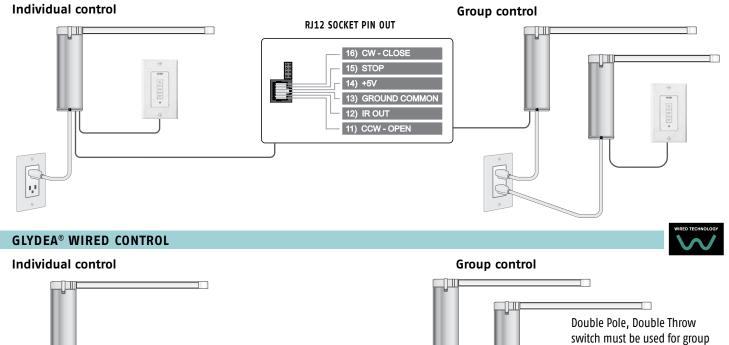


GLYDEA® DCT CONTROL

The Dry Contact Control can be done through devices with 2 normally open contacts (open, close) or 3 normally open contacts (open, stop, close). For devices using 2 contacts, the stop command is achieved by closing the open and close contacts. For 3 devices, the stop can also be achieved with a specific stop button. Individual, group and master DCT controls can be achieved using a DCT Splitter and a Diode box as shown below.

NUMBER OF GLYDEA® DCT AND LENGTH OF CONTROL LIMITATIONS

WIRE CROSS-SECTION	MAXIMUM LENGTH OF CABLE	MAXIMUM NUMBER OF MOTORS
Cat5 or Equal	100 m (328')	10
0.75 mm ²	200 m (656')	20

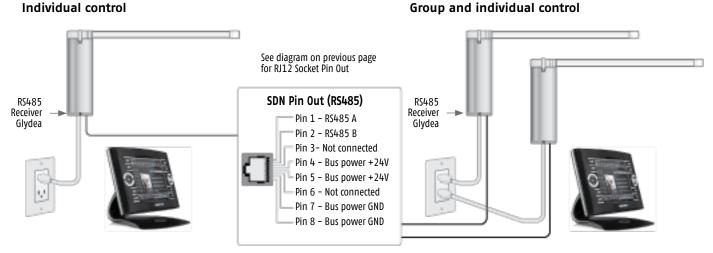


NOTE: Examples are for illustrative purposes. Additional components may be needed depending on your installation.

120V AC

GLYDEA® RS485 CONTROL

Individual control

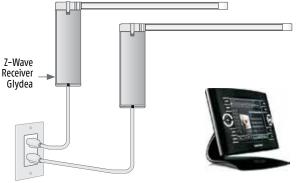


GLYDEA® Z-WAVE® CONTROL

Individual control

[][] Z-Wave Receiver Glydea ų.

Group and individual control

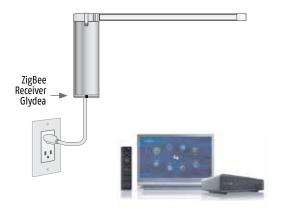




ZigBee

GLYDEA® ZIGBEE® CONTROL

Individual control



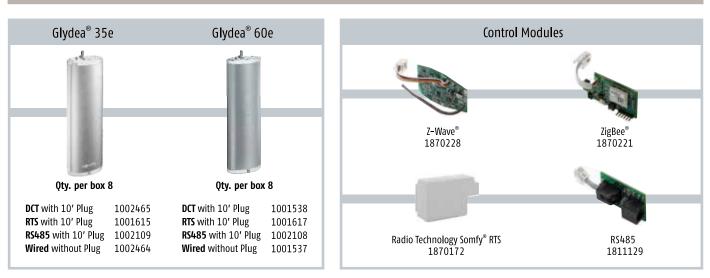
Group and individual control



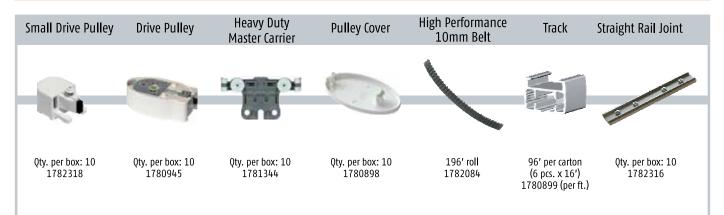
NOTE: Examples are for illustrative purposes. Additional components may be needed depending on your installation.

Glydea[®] Parts List

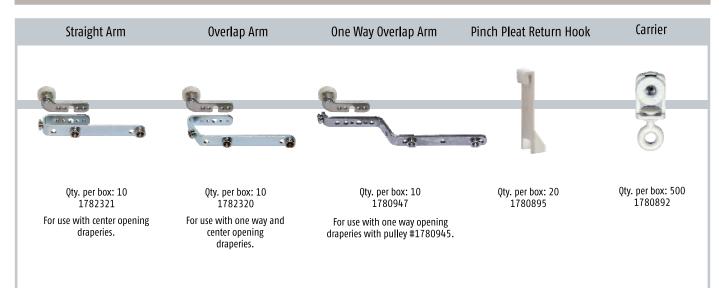
MOTORS AND CONTROL MODULES



COMMON TRACK COMPONENTS

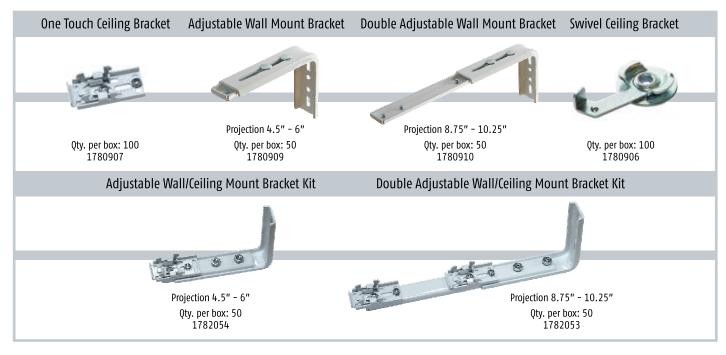


PINCH PLEAT TRACK COMPONENTS



RIPPLEFOLD® & ACCORDIA® TRACK COMPONENTS Ripplefold[®] Butt Master Arms One Way Ripplefold[®] Butt Arm Straight Arm **Overlap Arm** One Way Overlap Arm -Qty. per box: 10 Qty. per box: 10 Qty. per box: 10 Qty. per box: 10 Qty. per box: 10 1782321 1780947 1780953 1782319 1782320 For use with center For use with one way and For use with one For use with center For use with Ripplefold one opening draperies. center opening draperies way opening with opening draperies only. way opening and double track pulley #1780945 tandem alternative Ripplefold[®] and Accordia[®] Type Carriers **Ripple Snap Tape Ripple Return Snap** 80% Fullness 100% Fullness 120% Fullness 100 yd. roll: Qty. per box: 20 Carrier Spacing: Carrier Spacing: Carrier Spacing: 1780905 2 3/8" 2 1/8" 1 7/8" 1782301 Qty. per roll: 500 Qty. per roll: 500 Qty. per roll: 500 Per yd. 1780903 1780902 1780901 1782542 Recommended for use with Somfy Ripple Snap Tape (ordered separately), but also adaptable to Kirsch and Graber snap tape. Accordia[®] type carrier consists of Pinch Pleat carrier and Ripplefold[®] pendant.

BRACKETS



Glydea[®] Fabricated Track Options*

AVAILABLE CARRIER ARMS

Carrier arms are included with fabricated motorized drapery tracks per the opening type. **ONE WAY OPENING Overlap Arm:** For use with one way opening Pinch Pleat, One Way Overlap Arm Kit one way Ripplefold[®] and Accordia[®] draperies. #1782320 Qty 1 per drapery track. **CENTER OPENING Overlap Arm Kit** #1782320 **Overlap Arm:** For use with center opening Pinch Pleat, & Ripplefold[®] and Accordia[®] draperies. Straight Arm Kit Qty 1 Overlap Arm per drapery track. #1782321 Qty 1 Straight Arm per drapery track. or (optional) **CENTER OPENING BUTT MASTER** Butt Master Arms **Butt Master Arm:** For use with Ripplefold[®] and Accordia[®] #1780953 center opening draperies only. Qty 2 per drapery track required. ONE WAY OPENING OR TWO MOTOR TANDEM One Way Butt Arm **One Way Butt Arm:** For use with Ripplefold[®] one way draperies and #1782319 2 motor tandem alternative. Qty 1 per drapery track required. *Fabricated tracks are available upon request. For information, please contact Somfy sales. **AVAILABLE CARRIERS** Carriers are included with fabricated motorized drapery tracks.

PINCH PLEAT DRAPERIES

Pinch Pleat Carriers: Somfy includes a quantity of 3 carriers per foot. Additional carriers can be ordered if necessary.

2	
	Carrier
	#1780892

Pinch Pleat Return Hook: Qty 2 for One Way Draw (included) Qty 4 for Center Opening (included)

Return Hook #1780895

RIPPLEFOLD[®]/ ACCORDIA[®] DRAPERIES

****Somfy Ripplefold**[®]/Accordia[®] Type Carriers: The quantity of carriers needed depends on the desired fullness, reference the chart below to determine the needed quantity and standard spacing. Each carrier comes complete with pendant. See page 8–9 for Somfy's carrier count.

Item #	Fullness	**Carrier Spacing
1780903	80%	2 3/8" / 5 per ft. (included)
1780902	100%	2 1/8" / 6 per ft. (included)
1780901	120%	1 7/8" / 7 per ft. (included)



Carrier and Pendant

**NOTE: Quantity per ft. is included with each fabricated track. Fullness must be specified when order is placed.

Recommended for use with Somfy Ripple Snap Tape (ordered separately), but also adaptable to Kirsch and Graber snap tape.

Ripple Snap Tape:



(100 yd. roll) #1782301 (per yd.) #1782542

Return Snap:

Qty 2 for One Way draw (included) Qty 4 for Center Opening (included)



20

Custom Track Options

Tandem Alternative

Tandem alternative RTS motorized systems utilize two Glydea[®] motors and are used for draperies that exceed the maximum single motor capacity. Tandem systems are also available with dry contact control technologies and require additional accessories.

Please contact Somfy for specification details.



Top Mount

Glydea[®] motors can be installed above the drapery track depending on your project needs. This option provides the ability to conceal the motor in a drop ceiling or under a valence and requires an additional kit.

Top Mount Kit # 1780908



Glystro® Conversion Kit

The Glystro[®] conversion kit is designed to allow adaptation to Somfy's current Glydea[®] drapery motor to previous Glystro[®] drapery tracks and associated hardware.

Bends

Tracks with bends are ideal for bay and corner windows. Track bends are available at a fixed radius of 11.8". For more information on how to measure for a bend, please see page 22.

Bent Drapery Track Measurement Form required for all orders.

Curves

Custom curves are ideal for bow windows and other special applications. For additional information on how to measure for a curve, and how to make a template, please see <u>Directions for Creating a Template for Drapery Curves</u> page 23.

Templates are required for accuracy for all orders.

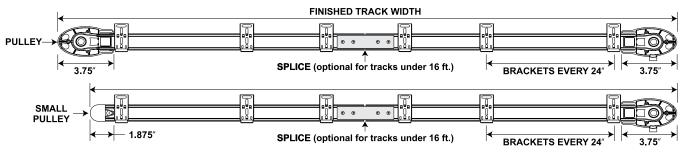
Bending Radius = 30 cm (11.8")

1782106

DED

BRACKET MOUNTING RECOMMENDATIONS (top view of track)

Somfy recommends 1 bracket by each pulley and 1 bracket every 24". Additionally, 1 bracket should be placed on each side of a splice if used.



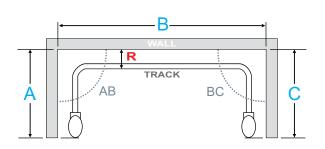
Bent Drapery Track Measurement Form

Download at www.somfysystems.com/glydea

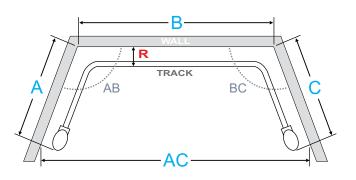
- 1. Choose the design that best fits your room setup.
- 2. Measure the wall and degrees of all angles as in examples shown below.
 - Make sure to provide the return measurement "R" (distance from wall to front of draper track as shown in red). The bent track
 measurement form represents wall measurements, therefore the R dimension MUST BE specified for accurate track fabrication.
 If R dimension IS NOT specified, drapery track will be fabricated according to dimensions (A, B, C, D, etc.) provided. Return
 dimensions will not be considered, and measurements will be calculated from center of each bend.
 - When fabricating drapery, please add an additional 1.5 inches of drapery fabric to the anticipated return size.
- 3. Provide all measurements by filling out attached form (page 24-25) and submit to Somfy.

NOTE: The following dimensions are shown from top view of the track and show various wall designs.

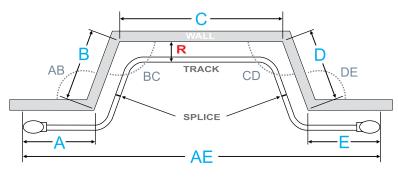
STYLE 1 MEASUREMENT



STYLE 3 MEASUREMENT

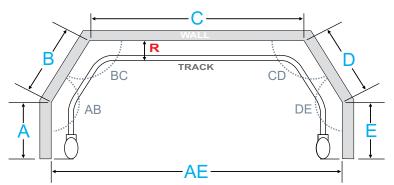


STYLE 5 MEASUREMENT *

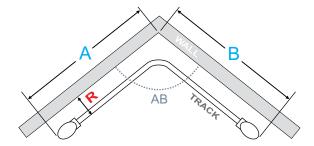


* Splices are required for this style.

STYLE 2 MEASUREMENT



STYLE 4 MEASUREMENT



	<u>CK 1</u> ion
Style	Degree of
Α	
	AB
C	BC
D	
E	
AC	
AE	

TRACK 2

"R" Dimension

Style	Degree of
Α	Bend
B	AB
C	BC
D	CD
Ε	DE
AC	
AE	

Directions for Creating a Template for Drapery Curves

What you need: • Large piece of construction paper Tape measure Marker Tape Please provide as much detail as possible and all templates **must** Start with a large piece of construction paper include the following: that exceeds the depth and length of the curve. Indicate "room side" Place the paper on the floor or ceiling depending Note how the template was created on the orientation of the curve. -Template created on the floor facing up (See Figure 1)(Preferred method) -Template created on the ceiling facing down (See Figure 2) • Purchase order number Secure the paper with the tape. Customer name Company name and account number Clearly define the stacking side, motor placement, Note the distance from the wall or the window to pocket depth and center line of track with the marker. the center of the track. NOTE: Be sure to clear all possible obstructions such as handles, sills etc. Identify the following measurement points: Mark the radius of the curve. 8 • Placement of motor Exact stopping point of track on template Total measurement of curve (See Figure 4–"C")

Please call Somfy for specialty curving applications. Depending on your particular application, your project may require special attention.

Figure 1: Template on the Floor Facing Up

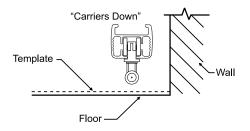
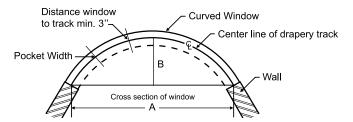


Figure 3: Critical Dimensions of a Curved Track



Template Submission Instructions

Attach a copy of the purchase order to the template. Roll up template and place in a mailing tube. **DO NOT FOLD TEMPLATE** Mail to: Somfy Systems, Inc.

> 121 Herrod Blvd. Dayton, NJ 08810 Attn: Drapery Department

NOTE: When mailing, be sure to:

- Get a tracking number
- Include your return address
- Include your purchase order number on the label

Figure 2: Template on the Ceiling Facing Down

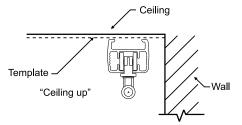
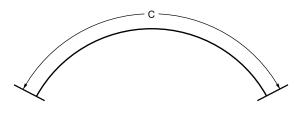


Figure 4: Total Measurement of Curve



Acceptable materials for making templates:

• Kraft Paper • Butcher Paper • Construction Paper

Somfy will not accept templates made from the following materials:

Newspaper
 Plastic
 Wax Paper
 Fabric
 Tissue Paper
 Roofing Paper
 Existing Arch Shades
 Wrapping Paper

NOTE: If the material used to make a template stretches, tears easily, will not lay flat or will mark the fabric – IT WILL NOT BE USED.

6 * For curved tracks, Somfy requires a template be provided. Please see <u>Directions for Creating a Template for Drapery Curves</u> on page 23 for template information. ** For bent tracks, Somfy does not requires a template. Please include the <u>Bent Drapery Tracks Measurement Form</u> on page 23 for exact measurements per angle and return. ** For bent tracks, Somfy does not requires a template. Please include the <u>Bent Drapery Tracks Measurement Form</u> on page 22 for exact measurements per angle and return. ** For bent tracks, Somfy does not requires a template. Please include the <u>Bent Drapery Tracks Measurement Form</u> on page 22 for exact measurements per angle and return. ** For bent tracks, Somfy does not requirements. Please list the part number(s) for the control(s) you desire. Please see pages 14-15 for control information Given the nature of custom motorization products, control options and compatibility varies dramatically. If you would like further assistance with control options, simply note it in the field below and one of our customer service specialists will contact you upon the submission of your order.	Special Shipping Directions: SOLD TO: Business Name: Address: City / State / Zip: Phone #: City / State / Zip: Phone #: Ordered By: Signature: Signature: Item # Room Qty Signature: Signature:	a dty		Fax #: Fax #: Recereverse for gla Motor (in.) 001617 144	Tandem	Motor Side	Side Side Motor *Track Side Type Cost Cost Motor *Track Side Type Clark Standard	SHIP TO: Business Name: Address: Address: City / State / Zip: City / State / Zip: Contact Name: Phone #: Email: Image: Stack k Stack **If S	TO: Name: ame: ame: **If Bent: # of bends 2	Type Type RF80	Eax #		Master But B	
or curved tracks, Somfy requires a template be provided. Please see <u>Directions for Creating a Template for Drapery Curves</u> on page 23 for template information. TE: Somfy does not requires a template. Please include the <u>Bent Drapery Tracks Measurement Form</u> on page 23 for exact measurements per angle and return. TE: Somfy includes a center splice every 16' of track. Please include the <u>Bent Drapery Tracks Measurement Form</u> on page 22 for exact measurements per angle and return. CONTROLS: In the space provided below, please list the part number(s) or the control(s) you desire. Please see pages 14-15 for control information or the control(s) you desire. Please see pages 14-15 for control information is the nature of custom motorization products, control options and compatibility varies is the blow and one of our customer service specialists will contact you upon the ubmission of your order.	6 5													
	 For curved tracks, Som For bent tracks, Somfy OTE: Somfy includes a 	nfy requir∉ does not center spl	s a template be p requires a templa lice every 16' of tr	novided. Ple ate. Please i rack. Please	ease see <u>Dir</u> nclude the <u>E</u> indicate in	<u>ections fo</u> <u>Sent Drap</u> the "SPE(or Creating a ery Tracks M CIAL INSTRU	Lemplate for leasurement F JCTIONS" sec	Drapery Curve <u>orm</u> on page 2 tion if your rec	<u>s</u> on page 23 2 for exact n uirements di	for template inform neasurements per a iffer from Somfy's si	nation. ngle and r tandard.	eturn.	
Given the nature of custom motorization products, control options and compatibility varies dramatically. If you would like further assistance with control options, simply note it in the field below and one of our customer service specialists will contact you upon the submission of your order.	CONTROLS: In for the control(s) valide	the space	provided below, p	blease list the	e part numbe	er(s)	SPEC	SIAL INS	IRUCTIO	SN				
	for the control(s) you de Given the nature of custor dramatically. If you would field below and one of our submission of your order.	ssire. Plea n motoriza like further customer	se see pages 14- tion products, contr assistance with co service specialists	15 for contro ol options an ntrol options, will contact y	l information d compatibilit simply note i ou upon the	y varies t in the								

~			9			
	Motor	Part Number		Stack		
	Glydea [®] 35e Motor DCT with 10' plug	1002465		L=Left	R=Right	S=Split
	Glydea [®] 35e Motor RTS with 10' plug	1001615				
	Glvdea® 35e Motor RS485 with 10' plug	1002109				
	Glydea [®] 35e Wired	1002464				
	Glvdea® 60e Motor DCT with 10' plug	1001538				
	Glydea® 60e Motor RTS with 10' plug	1001617				
	Glvdea® 60e Motor RS485 with 10' plug	1002108				
	Glydea [®] 60e Wired	1001537		IMM	mm	
7		Width (Inches) Glydea [®] motorized tracks are custom built according to the specified width. Please note that the finished track width is measured pulley end to pulley end. For bent and curved tracks please provide the total of all wall measurements. When fabricating your drapery please add 1.5" to your return.		If Bent: # of Bends 1=1 Bend, 2=2 Bends, 3=3 Bends, etc NOTE: Somfy requires exact angle measurement and signed Bent Drapery Track Measurement Fc	If Bent: # of Bends 1=1 Bend, 2=2 Bends, 3=3 Bends, etc NOTE: Somfy requires exact angle measurements for all bent tracks. Please submit completed and signed Bent Drapery Track Measurement Form page 22 with all bent track orders.	racks. Please submit completed with all bent track orders.
ເ ບ	Tandem Y=Yes N=No Tandem motorized systems utilize two Glydea [®] motors. Items needed for tandem systems should be noted in the Special Instructions Section of the order form. See page 24 for specification information.	 [®] motors. Dry Contact [®] noted in [®] Splitter [#] 9015442 [®] 7ft Modular Cable [#] 9013346 [®] 25 ft. Modular Cable [#] 901338 [®] 35 ft. Modular Cable 		Carrier Type PP=Pinch Pleat (QTY of 3 per foot included) RF80 = RippleFold [®] 80% fullness (QTV RF100 = RippleFold [®] 100% fullness (QTV RF120 = RippleFold [®] 120% fullness (QTV	P	luded) (QTY of 5 per foot spaced every 2 3/8" included) (QTY of 6 per foot spaced every 2 1/8" included) (QTY of 7 per foot spaced every 1 7/8" included)
4	Motor Side L=Left Side R=Right Side Choose the motor side best suited for your installation.	tallation.	6	Brackets NOTE: Brackets are not inc Part Numbers	Brackets NOTE: Brackets are not included and must be ordered separately. Part Numbers	ately.
2	<u>Track Type</u> A-I See below O=Other			One Touch Ceiling Bracket (not recomme 4.5"-6" Wall Mount Bracket 8.75"-10.25" Double Wall Mount Bracket	One Touch Ceiling Bracket (not recommended for curved tracks) 4.5"-6" Wall Mount Bracket 8.75"-10.25" Double Wall Mount Bracket	(s) 1780907 1782054 1782053
	NOTE: Somfy requires a template for all curved tracks. Please see <i>L Template for Drapery Curves</i> on page 23 for necessary information.	NOTE: Somfy requires a template for all curved tracks. Please see <i>Directions for Creating a</i> <i>Template for Drapery Curves</i> on page 23 for necessary information.	a	Swivel Ceiling Bracket (stro	Swivel Ceiling Bracket (strongly recommended for curved tracks)	-
	A One Way D	One Way w/Bend G Center Opening w/2 Bends			Somry recommends one (1) pracket by each puliey and one (1) pracket every 24 . Additionally, one (1) bracket should be placed on each side of a splice if used.) pracket every 24 . a splice if used.
		R = 30 cm max (11.8°)	10			
	Center Opening	Center Opening w/Bend Center Opening w/Bend Center Opening w/Bend Early on the Center Opening w/Continuous Center Opening w/Conter Opening		Only available for RippleFold [®] center opening systems. Quantity 2 required; please note item numbers in Spec order form item # 1780953.	Only available for RippleFold [®] center opening systems. Quantity 2 required; please note item numbers in Special Instructions Section of the order form item # 1780953.	ructions Section of the
	C Asymetrical	(11.8°) (11.8°) One Way w/2 Bends I (enter Opening R = 30 cm max (11.8°) (11.8°)	E		Splice X=Special splice instructions Somfy includes a center splice every 16ft of track. Please indicate in the Special Instructions Section if your requirements differ from Somfy's standard.	cate in the mfy's standard.

Engraving Button Order Form Download at www.somfysystems.com/glydea

	Customer Name:	Customer #:
SHIPPING	Shipping Information Ship To: Default Shipping Address Name:	Project Information Project Name: Installer Name/Company: P/O #: Order #: Area: Room:
STYLE	Button Color WHITE IVORY BLACK ALMOND # 9018259 # 9018260 # 9018261 # 9018262	Switch Type RTS Somfy Digital Network (SDN) RS485
ENGRAVING OPTIONS	DECOFLEX RTS Image: Decomplex result Buttons (A-F) Image: Decomplex result (A-E) Designated channel buttons B Image: Decomplex result (F) Stop/My command only Image: Decomplex result (G) "DOWN" Image: Command (G) "DOWN"	S Switch only A B C D C D F G F G C D F G H Somfy A A S Switch only ACK - # 9018265, ALMOND - # 9018266 ACK - # 9018269, ALMOND - # 9018270 ME (UP, DOWN, LOWER, etc) up to 5 characters.
		etters Capitalized As written in above section
	Payment terms of your account will apply. All engraved switches are custom made and are no Please send form to: Fax # 609-495-8117 or E-mail	
121 He Dayton Phone NJ: (60	SYSTEMS INC FLORIDA CALIFORNIA rrod Blvd. 6100 Broken Sound Pkwy. N.W., Suite 14 15291 Barranca Parkway NJ 08810 Boca Raton, FL 33487 Irvine, CA 92618-2201 US: 1-800-22-S0MFY Phone: (877) 227-6639 Phone: (877) 727-6639 9) 395-1300 Fax: (561) 995-7502 Fax: (949) 727-3775	SOMFY Canada Division 5178 Everest Drive Mississauga, Ontario L4W2R4 Phone: (N: 1-800-66-50MFY (N: (905) 564-6446 Fax: (905) 564-6448

Notes

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